Page 1 of 30 ATTY. DOCKET NO. APPLICATION NO. 1823.0330001 09/821,044 FORM PTO-1449 APPLICANT David C. Smith INFORMATION DISCLOSURE STATEMENT FILING DATE AUG 0 2 2001 March 30, 2001 2621 U.S. PATENT DOCUMENTS MOEMARY DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS | FILING DATE 2,500,017 AA1 03/1950 Altman 88 57 AB1 3,200,701 08/1965 14 White 88 AC1 3,482,498 12/1969 Becker 95 12 AD1 3,527,535 09/1970 Monroe **3**56 71 3,617,120 AE1 11/1971 Roka 353 28 3,699,519 AF1 10/1972 Campbell 340 146.3 E AG1 3,947,128 03/1976 Weinberger et al. 356 71 AH1 3,968,476 07/1976 McMahon 340 146.3 E AI1 4,032,975 06/1977 Malueg et al. 358 213 AJ1 4,063,226 12/1977 Kozma et al. 365 125 AK1 4,210,899 07/1980 340 Swonger et al. 146.3 E FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS AL1 0 101 772 A1 03/1984 EPO G07C 9/00 30 No 0 308 162 A2 03/1989 AM1 EPO A61B 5/10 Yes No AN1 0 379 333 A1 EPO 07/1990 G07F 7/10 Yes No A01 0 379 333 B1 07/1995 EPO G07F 7/10 Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Btt (Biometric Technology Today), Finger technologies contacts, Publisher Sarah AR 1 Clark, sclark@sjbresearch.com, 2 pages. Drake, M.D. et al., "Waveguide hologram fingerprint entry device," Optical AS Engineering, Vol. 35, No. 9, September 1996, Copyright 1996, Society of Photo-1 Optical Instrumentation Engineers, pp. 2499-2505. AT Roethenbaugh, G. (ed.), Biometrics Explained, 1998, ICSA, pp. 1-34. 1 Automated Identification Systems (visited May 20, 1999) ΑU 1 <http://www.trw.com/idsystems/bldgaccess2.html>, 1 page, Copyright 1999, TRW Inc. EXAMINER DATE CONSIDERED when Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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5	L	ААЗ	+	33,976	06/1990	F	ishbine <i>et al</i> .	38	2	4		
		AB3	4,9	95,086	02/1991	L:	illey et al.	38	2	4		
		AC3	5,0	54,090	10/1991	Kı	night <i>et al</i> .	38	2	4		
		AD3	5,0	67,162	11/1991	D:	riscoll, Jr. et al.	38	2	5		
		AE3	5,0	67,749	11/1991	L	and	28	3	117		
		AF3	5,1	31,038	07/1992	Pı	uhl et al.	38	0	23		
	1	AG3	5,1	46,102	09/1992	H:	iguchi <i>et al</i> .	25	0	556		
	1	АН3	5,1	87,747	02/1993	C	apello <i>et al</i> .	38	2	4		
	T	AI3	5,2	22,152	06/1993	F	ishbine <i>et al.</i>	38	2	2		
		AJ3	5,2	30,025	07/1993	F:	ishbine <i>et al.</i>	38	2	4		
4		AK3	5,2	33,404	08/1993	L	ougheed et al.	35	6	71		
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		AM3	3 2 313 441 A 11/1997				В	G0	6K	7/10		Yes No
	, 	AN3	WO	87/02491	04/1987	P	CT .	G0	7C	9/00		Yes No
J	·	A03	WO	90/03620	04/1990	P	CT	G0	6K	9/20		Yes No
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		AT	<u>3</u>				ification Products: Fin.com.tw/product/fg40/fg				sited	May 18,
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800	AA4	5,24	49,370	10/1993	Stanger et al.	34		22			
	AB4	1	. 348,445	07/1994	Fishbine et al.	D1	4	107			
	AC4	Des	. 351,144	10/1994	Fishbine et al.	D1	4	107			
	AD4	5,38	84,621	01/1995	Hatch et al.	35	5	204			
	AE4	1	12,463	05/1995	Sibbald et al.	35	6	71			
	AF4	5,4	16,573	05/1995	Sartor, Jr.	35	6	71			
	AG4	5,4	67,403	11/1995	Fishbine et al.	38	2	116			
	AH4	5,4	69,506	11/1995	Berson et al.	38	0	23			
	AI4	1	73,144	12/1995	Mathurin, Jr.	23	5	380			
	AJ4	+	09,083	04/1996	Abtahi et al.	38	2	124			
	AK4		17,528	05/1996	Johnson	37	5	259			
	TAIL4	10,0	11/020	'	N PATENT DOCUMENTS						
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80	AL4 WO 92/11608 07/1992				PCT	GO	6K	9/00	Yes No		
)	AM4	WO	94/22371	10/1994	PCT	A6	1B	5/117	Yes No		
	AN4	WO	96/17480	06/1996	PCT	но	4 N	13/93	Yes No		
	A04	WO	97/29477	08/1997	PCT	GC	9G	5/08	Yes No		
	 		OTHER (Inc	luding Author,	Title, Date, Pertinent	Pages,	etc.)				
scl	AR	<u>4</u>	"Biometri	cs, The Future	Is Now," www.securitym	nagazine	.com,	May 1999	9, pp. 25-26.		
	AS	<u>4</u>	Mytec Tec	hnologies Gate ww.mytec.com/F	eway, (visited April 27, Products/Gateway/>, 1 pa	1999) ige.					
	АТ	Mytec Technologies Gateway: Features & Benefits, (visited April 27, 1999) http://www.mytec.com/Products/Gateway/features.htm , 1 page.									
C	AU	4	Mytec Tec	chnologies Touc www.mytec.com/F	chstone Pro, (visited Ap Products/Touchstone/>, l	oril 27, l page.	1999)				
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INFORMATION DISCLOSURE STATEMENT

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PES	AA5	5,528,355	06/1996	Maase et al.	356	71	
- 2	AB5	5,548,394	08/1996	Giles et al.	356	71	
100 11 5 50M	AC5 AD5	5,591,949	01/1997	Bernstein	235	380	
116 0		5,596,454	01/1997	Hebert	359	726	
- 8	AE5	5,598,474	01/1997	Johnson	380	23	
TR IRADE	AF5	5,613,014	03/1997	Eshera et al.	382	124	
	AG5	5,615,277	03/1997	Hoffman	382	115	
	AH5	5,625,448	04/1997	Ranalli et al.	356	71	
	AI5	5,640,422	06/1997	Johnson	375	259	
J.	AJ5	5,649,128	07/1997	Hartley	395	309	
<u> </u>	AK5	5,650,842	07/1997	Maase et al.	356	. 71	
			FORE	IGN PATENT DOCUMENTS			·
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SUB- CLASS	TRANSLATION
sce	AL5	WO 97/41528	11/1997	PCT	G06K	9/00, 9/74	Ye:
	AM5	WO 98/09246	03/1998	PCT	G06K	9/00	Yes
	AN5	WO 98/12670	03/1998	PCT	G07C	9/00	Yes
	A05	WO 99/12123	03/1999	PCT	G06K	9/00	Yes
		OTHER (Inc	luding Autho	r, Title, Date, Pertinen	t Pages et	<u> </u>	
SCI	AR	_ Mytec Tec	chnologies To	ouchstone Pro: Features, /Products/Touchstone/fea	(visited Ap	ril 27. 1999))
	AS	5 Electroni	c Timeclock	Systems and Biometric Re	aders (last	updated Apr	ril 17, 1999)

KC-901: The KSI fingerprint sensor (visited May 17, 1999) AU <http://www.kinetic.bc.ca/kc-901.html>, 3 pages.

bene.com/Biometrics/Fingerprintclock.html>, 6 pages.

Fingerprint Time Clock (visited May 17, 1999) http://www.lfs-hr-

<http://www.lfs-hr-bene.com/tclocks.html>, 1 page.

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E ocision	AA6	5,6	61,451	08/1997	Pollag	34	0	426	
التي مم	AB6	5,6	80,205	10/1997	Borza	35	6	71	
02 mg	AC6	5,6	89,529	11/1997	Johnson	37.	5	259	
`` `	AD6	5,7	17,777	02/1998	Wong et al.	38:	2	124	
	AE6	5,7	45,684	04/1998	Oskouy et al.	39.	5	200.8	
TA TRADE	AF6	5,7	48,766	05/1998	Maase et al.	38:		124	
	AG6	5,7	55,748	05/1998	Borza	60		61	
	AH6	5,7	78,089	07/1998	Borza	38:		124	
	AI6		81,647	07/1998	Fishbine et al.	382		1	1
	AJ6		93,218	08/1998	Oster et al.	324		754	
U	AK6		05,777	09/1998	Kuchta	395		112	
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sce	AL6	WO !	99/26187	05/1999	PCT	G06	6K	9/00	Ye
	AM6	WO S	99/40535	08/1999	PCT	G06	6K	9/00	Ye
	AN6								Ye
	A06								Ye
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SU	AA7	5,812,067	09/1998	Bergholz <i>et al</i> .	340	825.31	
PEN	AB7	5,815,252	09/1998	Price-Francis	356	71	
	AC7	5,818,956	10/1998	Tuli	382	126	
0 2 7011V	AD7	5,822,445	10/1998	Wong	382	127	
AIR OF STATE	AE7	5,825,005	10/1998	Behnke	235	380	
WY & TRADE NOT	AF7	5,825,474	10/1998	Maase	356	71	
TA TRADE	AG7	5,828,773	10/1998	Setlak et al.	382	126	
	AH7	5,832,244	11/1998	Jolley et al.	395	309	
	AI7	5,848,231	12/1998	Teitelbaum et al.	395	186	-
	AJ7	5,859,420	01/1999	Borza	250	208.1	-
(/	AK7	5,862,247	01/1999	Fisun et al.			
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9 2 3	AC9		018,739	01/2000	McCoy et al.	70	7	102	
1911	AD9	+	023,522	02/2000	Draganoff et al.	38:	2	124	
Hill O T La	AE9	1	041,372	03/2000	Hart et al.	710	0	62	
Eth 3	AF9		75,876	06/2000	Draganoff	38:	2	124	
\vdash $ \omega$	AG9		078,265	06/2000	Bonder et al.	34	0	825.31	
CATEM & WASH	AH9		088,585	07/2000	Schmitt et al.	45.	 5	411	
<u> </u>	AI9		104,809	08/2000	Berson et al.	386	0	23	
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Heimann Biometric Systems Corporate Overview (visited June 4, 1998)

<http://www.hbs-jena.com/company.htm>, 4 pages, Copyright 1998, HBS Gmbh.

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						ATTY. DOCKET NO. 1823.0330001	-	APPLIC 09/821	ATION NO. ,044	
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Automatic Fingerprint Identification Systems (visited November 17, 1999) <http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm>, 1 page.

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1	AL20								Yes No
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1	AO20								Yes
<u></u>	-		OTHER (Incl	luding Author	, Title, Date, Pertine	ent Pages,	etc.)		
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	AM21								Yes No
	AN21		· · · · · · · · · · · · · · · · · · ·						Yes No
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	AL22								Yes No		
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	AS	22	Solution,		1996, (visite	al Announces Ne ed November 17, 3 pages.		e Fingerp	rint ID		
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	AS	<u>23</u>	Verifier 1997.	200 Direct Fi	ngerprint Reader	, Cross Chec	k Corpora	ition, 2 p	ages, 1996-
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	AL24								Yes No				
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	AT	Verifier™ 500 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1998.											
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	AL25								Yes No
	AM25								Yes
	AN25								Yes No
	A025								Yes
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SU	AR	<u>25</u>	10-Print	Imaging Syste	m, Cross Check Cor	rporation, 2	2 pages,	1998.	
	AS	<u>25</u>	Cross Mat	ch Technologi www.crossmatch	es, Inc. (visited .net/, 1 page.	March 25, 1	1999)		
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	AU	<u>25</u>	Cross Mat	ch Technologi www.crossmatch	es, Inc Law Eni .net/new/law/law-s	forcement Sy index.html>,	ystems (v . 2 pages	visited Ma s.	rch 25, 1999)
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	AL26				,				Yes No
	AM26								Ye: No
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	AL27								Yes No		
	AM27								Yes No		
	AN27								Yes No		
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	AS	<u>27</u>			a Low-Cost (Primiti M Corp., Vol. 35, N						
	АТ	<u>27</u>			olkit Version 1.x N m/api/archive_fapiv			1 26, 2000))		
1	AU	<u>27</u>			em," <i>IBM Technical</i> , pp. 1928-1931.	Disclosure	Bullet.	in, IBM Co	orp., Vol.		
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	AS	<u>28</u>	Windows (Mentalix Provides The First IAFIS-Certified Latent Print Scanning Solution For Windows (July 23, 1999) <http: fprintplook3_prel.htm="" pressreleases="" www.mentalix.com="">, 2 pages.</http:>							
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	AU	28		Venot, A. et al., "Automated Comparison of Scintigraphic Images," <i>Journal of Nuclear Medicine</i> , Vol. 27, No. 8, August 1986, pp. 1337-1342.							
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	AT	<u>29</u>		EPO Patent Abstract for Japanese Patent Publication No. 10-262071, published September 29, 1998, 1 page.							
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